## What is claimed is:

- 1. A vehicle frame assembly comprising:
- a plurality of structural members that are secured together to form a vehicle frame assembly, wherein at least one of said plurality of structural members defines a interior portion; and
- a pressurizing device that communicates with said interior portion and is responsive to a predetermined condition for increasing the magnitude of pressure in said interior portion.
- 2. The vehicle frame assembly defined in Claim 1 wherein said plurality of structural members includes a pair of side rails and a plurality of cross members that are connected together to form a ladder frame assembly, and wherein said at least one of said plurality of structural members is one of said pair of side rails.
  - The vehicle frame assembly defined in Claim 1 wherein said at least one of said plurality of structural members is a closed channel structural member.
  - The vehicle frame assembly defined in Claim 3 wherein a pair of internal plates is provided within said closed channel structural member to define said interior portion.
  - The vehicle frame assembly defined in Claim 1 wherein said pressurizing device is supported within an opening formed through said at least one of said plurality of structural members.

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 The vehicle frame assembly defined in Claim 5 wherein said pressurizing device is secured to said at least one of said plurality of structural members.

- 7. The vehicle frame assembly defined in Claim 1 wherein said pressurizing device includes a hollow housing defining an interior and having a plurality of apertures formed therein such that said interior of said housing communicates with said interior portion of said at least one of said plurality of structural members.
- The vehicle frame assembly defined in Claim 7 wherein said pressurizing device further includes a liner disposed within said interior of said housing to cover said apertures.

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- 9. The vehicle frame assembly defined in Claim 7 wherein said pressurizing device further includes a quantity of a material disposed within said interior of said housing that is capable of expanding or changing state rapidly.
- 10. The vehicle frame assembly defined in Claim 7 wherein said pressurizing device further includes a liner disposed within said interior of said housing to cover said apertures and a quantity of a material disposed within said interior of said liner that is capable of expanding or changing state rapidly.
  - 11. The vehicle frame assembly defined in Claim 9 wherein said pressurizing device further includes an actuating mechanism that communicates with said interior of said housing for selectively causing said material to expand or change state rapidly
- 12. The vehicle frame assembly defined in Claim 1 further including a control system for controlling the operation of said pressurizing device.
  - 13. The vehicle frame assembly defined in Claim 13 wherein said control system includes a sensor for generating a signal that is representative of an operating

condition and a controller that is responsive to said signal for controlling the operation of said pressurizing device.

- 14. The vehicle frame assembly defined in Claim 13 wherein said sensor is an impact sensor that generates said signal to said controller when a portion of said vehicle frame assembly is impacted.
  - 15. The vehicle frame assembly defined in Claim 1 wherein a plurality of said structural members define respective interior portions, and wherein a pressurizing device communicate with each of said interior portions, said pressurizing devices being responsive to respective predetermined conditions for increasing the magnitude of pressure respectively in said interior portions.

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